

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the above-referenced application.

Listing of Claims:

1. (Currently Amended) A method of scanning a storage device for viruses, comprising:
determining physical portions of the storage device that have been modified since a previous virus scan using information about the physical portions that is independent of the file structure, file system, and file types; and
scanning at least parts of the physical portions for viruses, wherein scanning is independent of the file structure, file system, and file types.
2. (Original) A method, according to claim 1, wherein the physical portions correspond to tracks of the storage device.
3. (Original) A method, according to claim 1, wherein the physical portions correspond to sectors of the storage device.
4. (Original) A method, according to claim 1, wherein the physical portions correspond to subportions of the storage device.

5. (Original) A method, according to claim 1, wherein determining the physical portions of the storage device that have been modified includes:

creating a table that is indexed according to each of the portions and has entries indicating whether a corresponding one of the portions has been modified, the entries being cleared after a virus scan to indicate that no portions have been modified; and
setting a specific one of the entries in response to a corresponding one of the portions of the storage device being subject to a write operation.

6. (Original) A method, according to claim 5, wherein creating the table includes copying an other table provided by the storage device.

7. (Original) A method, according to claim 5, wherein creating the table includes using an other table provided by the storage device.

8. - 21. (Cancelled)

22. (Currently Amended) A computer program product for scanning a storage device for viruses, comprising:

means for determining physical portions of the storage device that have been modified since a previous virus scan using information about the physical portions that is independent of the file structure, file system, and file types; and

means for scanning at least parts of the physical portions for viruses, wherein the scanning is independent of the file structure, file system, and file types.

23. (Original) A computer program product, according to claim 22, wherein the physical portions correspond to tracks of the storage device.

24. (Original) A computer program product, according to claim 22, wherein the physical portions correspond to sectors of the storage device.

25. (Original) A computer program product according to claim 22, wherein the physical portions correspond to subportions of the storage device.

26. (Original) A computer program product, according to claim 22, wherein means for determining the physical portions of the storage device that have been modified includes:

means for creating a table that is indexed according to each of the portions and has entries indicating whether a corresponding one of the portions has been modified, the entries being cleared after a virus scan to indicate that no portions have been modified; and

means for setting a specific one of the entries in response to a corresponding one of the portions of the storage device being subject to a write operation.

27. (Original) A computer program product, according to claim 26, wherein means for creating the table includes means for copying an other table provided by the storage device.

28. (Original) A computer program product, according to claim 26, wherein means for creating the table includes means for using an other table provided by the storage device.

29. - 40. (Cancelled)

41. (Currently Amended) An antivirus unit, comprising:

means for coupling to at least one storage device;

means for determining physical portions of the storage device that have been modified since a previous virus scan using information about the physical portions that is independent of the file structure, file system, and file types; and

means for scanning at least parts of the physical portions for viruses, wherein scanning is independent of the file structure, file system, and file types.

42. (Original) An antivirus unit, according to claim 41, wherein the physical portions correspond to tracks of the storage device.

43. (Original) An antivirus unit, according to claim 41, wherein the physical portions correspond to sectors of the storage device.

44. (Original) An antivirus unit, according to claim 41, wherein the physical portions correspond to subportions of the storage device.

45. (Original) An antivirus unit, according to claim 41, further comprising:

a table that is indexed according to each of the portions and has entries indicating whether a corresponding one of the portions has been modified, the entries being cleared after a virus scan to indicate that no portions have been modified; and
means for setting a specific one of the entries in response to a corresponding one of the portions of the storage device being subject to a write operation.

46. (Original) An antivivirus scanning unit, according to claim 41, wherein said means for coupling includes means for coupling to only one storage device.

47. (Original) An antivirus unit, according to claim 41, wherein said means for coupling includes means for coupling to more than one storage device.

48. (Original) An antivirus unit, according to claim 41, further comprising:
means for coupling to at least one host.

49. (Original) An antivirus unit, according to claim 48, wherein said antivirus unit is interposed between said at least one storage device and said at least one host.

50. (Original) An antivirus unit, according to claim 48, wherein said antivirus unit is implemented as a process running on the at least one host.

51. (Original) An antivirus unit, according to claim 41, wherein said antivirus unit is implemented using stand alone hardware.

52. (Original) An antivirus unit, according to claim 41, wherein at least a portion of the antivirus unit is provided on at least some controllers for the at least one storage device.

53. - 62. (Cancelled)